RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/520,730
Source: IFW
Date Processed by STIC: 8/21/06

ENTERED

IFWP

RAW SEQUENCE LISTING DATE: 08/21/2006
PATENT APPLICATION: **US/10/520,730** TIME: 14:59:47

Input Set : **A:\SEQLIST.TXT**
Output Set: **N:\CRF4\08212006\J520730.raw**

```
      4 <110> APPLICANT: BOUGUELERET Lydie
      5       JEANDENANS Catherine
      6       PARDO Bruno
      8 <120> TITLE OF INVENTION: SECRETED POLYPEPTIDE SPECIES ASSOCIATED
      9       WITH CARDIOVASCULAR DISORDERS
     12 <130> FILE REFERENCE: DV/4-33620A/GEP
     14 <140> CURRENT APPLICATION NUMBER: 10/520,730
     15 <141> CURRENT FILING DATE: 2005-01-07
     17 <150> PRIOR APPLICATION NUMBER: 60/394,576
     18 <151> PRIOR FILING DATE: 2002-07-08
     20 <150> PRIOR APPLICATION NUMBER: 60/438,664
     21 <151> PRIOR FILING DATE: 2003-01-07
     23 <150> PRIOR APPLICATION NUMBER: PCT/EP03/006766
     24 <151> PRIOR FILING DATE: 2003-06-26
     26 <160> NUMBER OF SEQ ID NOS: 14
     28 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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     32 <212> TYPE: PRT
     33 <213> ORGANISM: Homo sapiens
     35 <220> FEATURE:
     36 <221> NAME/KEY: PROPEP
     37 <222> LOCATION: (1)...(227)
     38 <223> OTHER INFORMATION: Sequence of CPP 10, the precursor of amino acid
     39       sequences of the polypeptides present in plasma
     40       samples of individuals with coronary artery
     41       disease.
     43 <221> NAME/KEY: SIGNAL
     44 <222> LOCATION: (1)...(22)
W--> 46 <221> SIMILAR
     47 <222> LOCATION: (109)...(109)
     48 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
W--> 50 <221> BINDING
     51 <222> LOCATION: (146)...(149)
W--> 53 <221> BINDING
     54 <222> LOCATION: (96)...(100)
W--> 56 <221> DISULFID
     57 <222> LOCATION: (43)...(64)
W--> 59 <221> DISULFID
     60 <222> LOCATION: (30)...(58)
W--> 62 <400> 1
     63 Met Gly Trp Thr Met Arg Leu Val Thr Ala Ala Leu Leu Leu Gly Leu
     64         -20                 -15                 -10
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Input Set : A:\SEQLIST.TXT
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```
    65 Met Met Val Val Thr Gly Asp Glu Asp Glu Asn Ser Pro Cys Ala His
    66     -5                   1               5                  10
    67 Glu Ala Leu Leu Asp Glu Asp Thr Leu Phe Cys Gln Gly Leu Glu Val
    68                 15                  20                  25
    69 Phe Tyr Pro Glu Leu Gly Asn Ile Gly Cys Lys Val Val Pro Asp Cys
    70             30                  35                  40
    71 Asn Asn Tyr Arg Gln Lys Ile Thr Ser Trp Met Glu Pro Ile Val Lys
    72         45                  50                  55
    73 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
    74     60                  65                  70
    75 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
    76 75                  80                  85                  90
    77 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
    78                 95                  100                 105
    79 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
    80             110                 115                 120
    81 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
    82         125                 130                 135
    83 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
    84     140                 145                 150
    85 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
    86 155                 160                 165                 170
    87 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
    88                 175                 180                 185
    89 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Asn Gln Ala Glu Ile
    90             190                 195                 200
    91 Ala Ala Cys
    92         205
    95 <210> SEQ ID NO: 2
    96 <211> LENGTH: 205
    97 <212> TYPE: PRT
    98 <213> ORGANISM: Homo sapiens
   100 <220> FEATURE:
   101 <221> NAME/KEY: PEPTIDE
   102 <222> LOCATION: (1)...(205)
   103 <223> OTHER INFORMATION: Sequence of CPP 10 polypeptide present in plasma
   104       samples of individuals with coronary artery
   105       disease
   107 <221> NAME/KEY: BINDING
   108 <222> LOCATION: (74)...(78)
W--> 110 <221> SIMILAR
   111 <222> LOCATION: (87)...(87)
   112 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
W--> 114 <221> DISULFID
   115 <222> LOCATION: (21)...(42)
W--> 117 <221> DISULFID
   118 <222> LOCATION: (8)...(36)
W--> 120 <221> BINDING
   121 <222> LOCATION: (124)...(127)
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RAW SEQUENCE LISTING DATE: 08/21/2006
PATENT APPLICATION: US/10/520,730 TIME: 14:59:47

Input Set : A:\SEQLIST.TXT
Output Set: N:\CRF4\08212006\J520730.raw

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W--> 123 <400> 2
     124 Asp Glu Asp Glu Asn Ser Pro Cys Ala His Glu Ala Leu Leu Asp Glu
     125  1               5                  10                  15
     126 Asp Thr Leu Phe Cys Gln Gly Leu Glu Val Phe Tyr Pro Glu Leu Gly
     127             20                  25                  30
     128 Asn Ile Gly Cys Lys Val Val Pro Asp Cys Asn Asn Tyr Arg Gln Lys
     129         35                  40                  45
     130 Ile Thr Ser Trp Met Glu Pro Ile Val Lys Phe Pro Gly Ala Val Asp
     131     50                  55                  60
     132 Gly Ala Thr Tyr Ile Leu Val Met Val Asp Pro Asp Ala Pro Ser Arg
     133 65                  70                  75                  80
     134 Ala Glu Pro Arg Gln Arg Phe Trp Arg His Trp Leu Val Thr Asp Ile
     135                 85                  90                  95
     136 Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile Gln Gly Gln Glu Leu Ser
     137             100                 105                 110
     138 Ala Tyr Gln Ala Pro Ser Pro Pro Ala His Ser Gly Phe His Arg Tyr
     139         115                 120                 125
     140 Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys Val Ile Ser Leu Leu Pro
     141     130                 135                 140
     142 Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys Met Asp Arg Phe Leu Asn
     143 145                 150                 155                 160
     144 Arg Phe His Leu Gly Glu Pro Glu Ala Ser Thr Gln Phe Met Thr Gln
     145                 165                 170                 175
     146 Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala Pro Arg Gly Arg Ala Ser
     147             180                 185                 190
     148 Glu Pro Lys His Lys Asn Gln Ala Glu Ile Ala Ala Cys
     149         195                 200                 205
     152 <210> SEQ ID NO: 3
     153 <211> LENGTH: 223
     154 <212> TYPE: PRT
     155 <213> ORGANISM: Homo sapiens
     157 <220> FEATURE:
     158 <221> NAME/KEY: PROPEP
     159 <222> LOCATION: (1)...(223)
     160 <223> OTHER INFORMATION: Sequence of CPP 11, the precursor of amino acid
     161       sequences of the polypeptides present in plasma
     162       samples of individuals with coronary artery
     163       disease
     165 <221> NAME/KEY: SIGNAL
     166 <222> LOCATION: (1)...(22)
W--> 168 <221> DISULFID
     169 <222> LOCATION: (30)...(58)
W--> 171 <221> SIMILAR
     172 <222> LOCATION: (109)...(109)
     173 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
W--> 175 <221> BINDING
     176 <222> LOCATION: (146)...(149)
W--> 178 <221> BINDING
     179 <222> LOCATION: (96)...(100)
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RAW SEQUENCE LISTING DATE: 08/21/2006
PATENT APPLICATION: US/10/520,730 TIME: 14:59:47

Input Set : A:\SEQLIST.TXT
Output Set: N:\CRF4\08212006\J520730.raw

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W--> 181 <400> 3
     182 Met Gly Trp Thr Met Arg Leu Val Thr Ala Ala Leu Leu Leu Gly Leu
     183         -20                 -15                 -10
     184 Met Met Val Val Thr Gly Asp Glu Asp Glu Asn Ser Pro Cys Ala His
     185     -5                   1                   5                  10
     186 Glu Ala Leu Leu Asp Glu Asp Thr Leu Phe Cys Gln Gly Leu Glu Val
     187                 15                  20                  25
     188 Phe Tyr Pro Glu Leu Gly Asn Ile Gly Cys Lys Val Val Pro Asp Cys
     189             30                  35                  40
     190 Asn Asn Tyr Arg Gln Lys Ile Thr Ser Trp Met Glu Pro Ile Val Lys
     191         45                  50                  55
     192 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
     193     60                  65                  70
     194 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
     195 75                  80                  85                  90
     196 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
     197                 95                  100                 105
     198 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
     199             110                 115                 120
     200 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
     201         125                 130                 135
     202 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
     203     140                 145                 150
     204 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
     205 155                 160                 165                 170
     206 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
     207                 175                 180                 185
     208 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Thr Arg Arg Arg
     209             190                 195                 200
     212 <210> SEQ ID NO: 4
     213 <211> LENGTH: 143
     214 <212> TYPE: PRT
     215 <213> ORGANISM: Homo sapiens
     217 <220> FEATURE:
     218 <221> NAME/KEY: PEPTIDE
     219 <222> LOCATION: (1)...(201)
     220 <223> OTHER INFORMATION: Sequence of CPP 11 polypeptide present in plasma
     221       samples of individuals with coronary artery
     222       disease
     224 <221> NAME/KEY: BINDING
     225 <222> LOCATION: (74)...(78)
W--> 227 <221> DISULFID
     228 <222> LOCATION: (21)...(42)
W--> 230 <221> DISULFID
     231 <222> LOCATION: (8)...(36)
W--> 233 <221> SIMILAR
     234 <222> LOCATION: (87)...(87)
     235 <223> OTHER INFORMATION: Conserved Glu83 in cis (PEBP_HUMAN numbering)
W--> 237 <221> BINDING
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RAW SEQUENCE LISTING DATE: 08/21/2006
PATENT APPLICATION: US/10/520,730 TIME: 14:59:47

Input Set : A:\SEQLIST.TXT
Output Set: N:\CRF4\08212006\J520730.raw

238 <222> LOCATION: (124)...(127)
W--> 240 <400> 4
241 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
242 1 5 10 15
243 Pro Asp Ala Pro Ser Arg Ala Glu Pro Arg Gln Arg Phe Trp Arg His
244 20 25 30
245 Trp Leu Val Thr Asp Ile Lys Gly Ala Asp Leu Lys Glu Gly Lys Ile
246 35 40 45
247 Gln Gly Gln Glu Leu Ser Ala Tyr Gln Ala Pro Ser Pro Pro Ala His
248 50 55 60
249 Ser Gly Phe His Arg Tyr Gln Phe Phe Val Tyr Leu Gln Glu Gly Lys
250 65 70 75 80
251 Val Ile Ser Leu Leu Pro Lys Glu Asn Lys Thr Arg Gly Ser Trp Lys
252 85 90 95
253 Met Asp Arg Phe Leu Asn Arg Phe His Leu Gly Glu Pro Glu Ala Ser
254 100 105 110
255 Thr Gln Phe Met Thr Gln Asn Tyr Gln Asp Ser Pro Thr Leu Gln Ala
256 115 120 125
257 Pro Arg Gly Arg Ala Ser Glu Pro Lys His Lys Thr Arg Arg Arg
258 130 135 140
261 <210> SEQ ID NO: 5
262 <211> LENGTH: 10
263 <212> TYPE: PRT
264 <213> ORGANISM: Homo sapiens
266 <220> FEATURE:
267 <221> NAME/KEY: PEPTIDE
268 <222> LOCATION: (1)...(10)
269 <223> OTHER INFORMATION: Tryptic peptide found by tandem mass spectrometry
270 in plasma samples of individuals with coronary
271 artery disease
273 <400> SEQUENCE: 5
274 Ile Thr Ser Trp Met Glu Pro Ile Val Lys
275 1 5 10
278 <210> SEQ ID NO: 6
279 <211> LENGTH: 22
280 <212> TYPE: PRT
281 <213> ORGANISM: Homo sapiens
283 <220> FEATURE:
284 <221> NAME/KEY: PEPTIDE
285 <222> LOCATION: (1)...(22)
286 <223> OTHER INFORMATION: Tryptic peptide found by tandem mass spectrometry
287 in plasma samples of individuals with coronary
288 artery disease
290 <400> SEQUENCE: 6
291 Phe Pro Gly Ala Val Asp Gly Ala Thr Tyr Ile Leu Val Met Val Asp
292 1 5 10 15
293 Pro Asp Ala Pro Ser Arg
294 20
297 <210> SEQ ID NO: 7

VERIFICATION SUMMARY DATE: 08/21/2006
PATENT APPLICATION: **US/10/520,730** TIME: 14:59:48

Input Set : **A:\SEQLIST.TXT**
Output Set: **N:\CRF4\08212006\J520730.raw**

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L:168 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
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L:175 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
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